Results of Competition: Energy Catalyst Round 6: Transforming Energy Access

Competition Code: 1808\_CRD\_CGI\_DFID\_ENCATR6

Total available funding is £9,553,000 minus non grant costs

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Sun Harvester Limited          | Lego With Batteries - Flexible, Modular Energy Storage for Remote Communities | £298,740               | £209,118               |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names  | Project title  | Proposed project costs | Proposed project grant |
|---------------------------------|--|------------------------|------------------------|
| Carruthers Renewables Ltd       | Carruthers Waterwheel: Very Low Head Hydro-electricity | £174,526               | £122,168               |
| AFRC, University of Strathclyde |  | £74,707                | £74,707                |

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| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names                    | Project title    | Proposed project costs | Proposed project grant |
|---|------------------|------------------------|------------------------|
| PyroGenesys Ltd                                   | PyroPower Africa | £66,203                | £46,342                |
| African Agriculutral Technology Foundation (AATF) |                  | £25,920                | £25,920                |
| Babban Gona Farmer Services Nigeria Ltd           |                  | £19,454                | £11,672                |
| ICMEA-UK Ltd                                      |                  | £122,273               | £85,591                |
| Koolmill Systems Limited                          |                  | £16,600                | £11,620                |
| Mobinet Blue 34 Limited                           |                  | £19,360                | £13,552                |
| University of Leicester                           |                  | £30,000                | £30,000                |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names        | Project title | Proposed project costs | Proposed project grant |
|---------------------------------------|---------------|------------------------|------------------------|
| Carbon Compost Company Limited        | AFRI-Char     | £64,428                | £45,100                |
| Helec Ltd                             |               | £60,019                | £42,013                |
| Outsourced Manufacturing Services Ltd |               | £40,934                | £28,654                |
| TWI Limited                           |               | £134,163               | £134,163               |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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Funders Panel Date: 11/02/2019

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Results of Competition: Energy Catalyst Round 6: Transforming Energy Access

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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Gommyr Power Networks Limited  | eStreet: transformative renewable microgrid-based business zones for the Democratic Republic of Congo | £87,291                | £61,104                |
| IPX Extenso DRC SPRL           |   | £36,755                | £25,728                |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names | Project title           | Proposed project costs | Proposed project grant |
|--------------------------------|-------------------------|------------------------|------------------------|
| Charm Impact Ltd               | Omni Impact Investments | £112,081               | £78,457                |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| WASE Limited                   | Decentralised Electro-Methanogenic Wastewater Treatment (DEMWT) | £209,773               | £146,841               |
| World Food Programme           |   | £89,867                | £89,867                |

| Project description - provided by applicants |  |
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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Deciwatt Ltd                   | Feasibility study for applications of nowlight in BOP markets | £248,268               | £173,788               |

| Project description - provided by applicants |  |
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| Awaiting Public Project Summary              |  |
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| Participant organisation names    | Project title   | Proposed project costs | Proposed project grant |
|-----------------------------------|---|------------------------|------------------------|
| Scene Connect Ltd                 | Establishing Mutually Beneficial Local<br>Energy Markets (EMBLEM) Phase 2 | £338,731               | £237,112               |
| Connected Energy Technologies Ltd |   | £104,000               | £72,800                |
| DASSY Enterprise                  |   | £47,311                | £33,118                |
| Gham Power Nepal Private Limited  |   | £26,853                | £18,797                |
| Swanbarton Limited                |   | £283,805               | £198,663               |

| Project description - provided by applicants |  |
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| Participant organisation names | Project title  | Proposed project costs | Proposed project grant |
|--------------------------------|--|------------------------|------------------------|
| Solapak Systems Limited        | Demand Side Renewable Agriculture<br>Business Led Enterprise (DeSiRABLE) | £455,582               | £277,526               |
| GB-Sol Limited                 |  | £71,977                | £50,335                |
| Great Lakes Energy Ltd         |  | £35,148                | £24,603                |
| Heifer Project International   |  | £79,559                | £79,559                |
| Trade Without Borders (HK) Ltd |  | £118,209               | £82,746                |
| University of Southampton      |  | £205,037               | £205,037               |

| Project description - provided by applicants |  |
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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Kew Projects Limited           | Project Alpha - Innovative Fully Costed<br>Derisking Strategy for Renewable Energy<br>into Sub-Saharan Africa | £485,121               | £339,585               |
| University of Birmingham       |   | £74,170                | £74,170                |

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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Lumiere Designs Limited        | Low-cost modular solar power system using Total Internal Photonic Absorption (TIPA) | £258,998               | £181,299               |
| Anglia Ruskin University       |   | £98,356                | £98,356                |
| Skein Nigeria Ltd              |   | £80,956                | £56,669                |
| Symbio Energy Limited          |   | £244,102               | £170,871               |

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| Participant organisation names     | Project title   | Proposed project costs | Proposed project grant |
|------------------------------------|---|------------------------|------------------------|
| Water Powered Technologies Limited | Distributed pumped micro-hydro for transforming energy and water access | £690,017               | £483,012               |
| University of Strathclyde          |   | £192,223               | £192,223               |

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| Participant organisation names     | Project title                    | Proposed project costs | Proposed project grant |
|------------------------------------|----------------------------------|------------------------|------------------------|
| Oak Technical Services (OakTec)    | WEGEN World gas Engine GENerator | £490,724               | £343,507               |
| EP Barrus Limited                  |                                  | £188,226               | £94,113                |
| Good Farmland Management Kenya Ltd |                                  | £231,903               | £139,142               |
| Sutton Project Management Limited  |                                  | £181,895               | £127,326               |

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| Participant organisation names                              | Project title | Proposed project costs | Proposed project grant |
|---|---------------|------------------------|------------------------|
| dPSun Limited   | SolaNetwork   | £372,150               | £260,505               |
| Botswana International University of Science and Technology |               | £54,000                | £54,000                |
| EmPowered FinTech (Pty) Ltd Botswana                        |               | £153,000               | £107,100               |
| R F Proximity Ltd   |               | £139,706               | £97,794                |
| SNV   |               | £47,000                | £47,000                |
| SolaForm Ltd  |               | £64,000                | £44,800                |
| Ulster University   |               | £209,254               | £209,254               |

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|--------------------------------|--------------------|------------------------|------------------------|
| Samad Power Ltd                | Turbo Green Burner | £717,495               | £502,246               |
| Cranfield University           |                    | £94,761                | £94,761                |
| Pure World Energy Limited      |                    | £278,130               | £194,691               |

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| Participant organisation names          | Project title   | Proposed project costs | Proposed project grant |
|---|---|------------------------|------------------------|
| Africa Power Ltd                        | Productive Use of DC Solar Power in Africa to Improve the Quality of Rural Life | £532,943               | £373,060               |
| Chariot Innovations Limited             |   | £49,972                | £49,972                |
| CR International Development Associates |   | £64,040                | £64,040                |
| divi LLC                                |   | £200,000               | £140,000               |
| Loughborough University                 |   | £153,042               | £153,042               |

| Project description - provided by applicants |  |
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| Participant organisation names | Project title   | Proposed project costs | Proposed project grant |
|--------------------------------|---|------------------------|------------------------|
| Mobile Power Ltd               | Pilot to demonstrate scalability of Mobile<br>Power's Technology: Delivery of power to<br>15 villages in Sierra Leone | £789,425               | £355,241               |
| Winch Energy Limited           |   | £95,184                | £33,314                |
| World Hope International       |   | £109,064               | £109,064               |

| Project description - provided by applicants |  |
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